

CLAIM AMENDMENTS

IN THE CLAIMS

This listing of the claims will replace all prior versions, and listing, of claims in the application or previous response to office action:

1 1. (Currently Amended) A method for communicating information between a
2 network operations center and a remote device comprising:

3 transmitting at least one request for information from the network operations center to
4 the remote device;

5 receiving the at least one request by the remote device;

6 selecting records from a data block at the remote device based upon the at least one
7 request;

8 restructuring, at the remote device, the selected records according to a template; and

9 transmitting the restructured records to the network operations center.

1 2. (Original) The method of Claim 1 further comprising calculating a delta
2 between the restructured records and a stored set of restructured records.

1 3. (Original) The method of Claim 1 further comprising storing the restructured
2 records by the remote device.

1 4. (Currently Amended) The method of Claim 1 further comprising evaluating at
2 least one characteristic of the at least one request for information to determine the type of
3 information being requested.

1 5. (Original) The method of Claim 1 further comprising writing the restructured
2 records to a device response.

1 6. (Original) The method of Claim 1 further comprising:

2 receiving the restructured records by the network operations center; and

3 updating at least one value stored in a database using the restructured records.

1 7. (Original) The method of Claim 6 further comprising combining the
2 restructured records received by the network operations center with at least one value stored
3 in the database.

1 8. (Original) The method of Claim 1 further comprising:
2 transmitting at least one check value; and
3 comparing at least one check value with at least one stored value.

1 9. (Currently Amended) The method of Claim 1 ~~further comprising~~ wherein
2 selecting records comprises selecting the records from a DEX/UCS data block.

1 10. (Original) The method of Claim 1 wherein transmitting is supported by a
2 wireless network.

1 11. (Original) The method of Claim 1 wherein transmitting is supported by a
2 wire-line network.

1 12. (Currently Amended) A method for communicating data between a network
2 operations center and a remote device comprising:
3 transmitting a request for data to at least one remote device;
4 receiving the at least one request for data by the at least one remote device;
5 establishing a current state for the at least one remote device by selecting records from
6 a data block at the remote device indicative of the current state of the remote device;
7 restructuring the selected records based upon a template to establish the current state
8 of the remote device;
9 accessing a previous state for the at least one remote device;
10 calculating a delta between the current state and the previous state for the at least one
11 remote device;
12 writing the delta to a device response; and
13 transmitting the device response to the network operations center.

1 13. (Original) The method of Claim 12 further comprising recreating the current
2 state of the remote device at the network operations center.

1 14. (Original) The method of Claim 12 further comprising updating a database at
2 the network operations center based upon the delta and a stored value in the database.

1 15. (Original) The method of Claim 12 further comprising:
2 storing the current state of the remote device as the previous state of the remote
3 device; and
4 storing the previous state of the remote device as a reference state for the remote
5 device.

1 16. (Cancelled)

1 17. (Cancelled)

1 18. (Original) The method of Claim 12 further comprising applying a data
2 compression algorithm to the calculated delta.

1 19. (Original) The method of Claim 12 further comprising:
2 transmitting at least one check value; and
3 comparing the at least one check value with at least one stored value.

1 20. (Original) A system for acquiring data at a remote device and communicating
2 information between a network operations center and the remote device comprising:
3 the remote device operable to receive a request for information from the network
4 operations center;
5 a data block having at least one set of records stored at the remote device;
6 a template accessible by the remote device for restructuring a record selected from the
7 data block;
8 the remote device operable to select a record from the data block based on the request
9 for information;
10 a network for communicating information between the network operations center and
11 the remote device; and

12 the remote device operable to restructure the selected records according to the
13 template and to transmit the restructured record to the network operations center using the
14 network.

1 21. (Currently Amended) A method for communicating information between a
2 network operations center and a remote device comprising:
3 selecting records from a data block communicatively coupled to the remote device;
4 restructuring the selected records at the remote device according to a template;
5 calculating a delta between the restructured records and a stored set of records; and
6 transmitting the delta to the network operations center.

1 22. (Original) The method of Claim 21 further comprising applying a data
2 compression algorithm to the delta.

1 23. (Original) The method of Claim 21 further comprising sorting the delta by the
2 remote device.

1 24. (Original) The method of Claim 21 further comprising writing the delta to a
2 device response.

1 25. (Original) The method of Claim 21 further comprising combining the delta
2 with at least one value stored in a database communicatively coupled to the network
3 operations center.

1 26. (Original) The method of Claim 21 further comprising:
2 transmitting at least one check value; and
3 comparing the at least one check value with at least one stored value.

1 27. (Currently Amended) The method of Claim 21 ~~further comprising~~ wherein
2 selecting records comprises selecting the records from a DEX/UCS data block.

1 28. (Original) A system for acquiring data at a remote device and communicating
2 between a network operations center and the remote device comprising:
3 the remote device operable to establish communications with the network operations
4 center;
5 a data block having at least one set of records communicatively coupled to the remote
6 device;
7 a template at the remote device for restructuring a record selected from the data block;
8 the remote device operable to select a record from the data block;
9 a network for communicating between the network operations center and the remote
10 device; and
11 the remote device operable to restructure the selected records according to the
12 template, to calculate a delta based upon the restructured records and a stored set of records
13 and to transmit the delta to the network operations center using the network.

1 29. (Original) The system of Claim 28 further comprising:
2 a data compression algorithm operably coupled to the remote device; and
3 the data compression algorithm operable to reduce delta in size.

1 30. (Original) The system of Claim 28 further comprising the remote device
2 operable to calculate delta in response to a predetermined event.